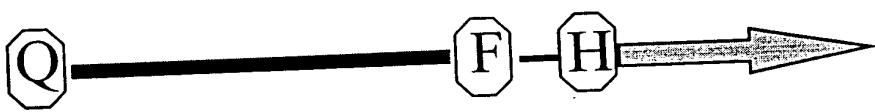


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Figure 1

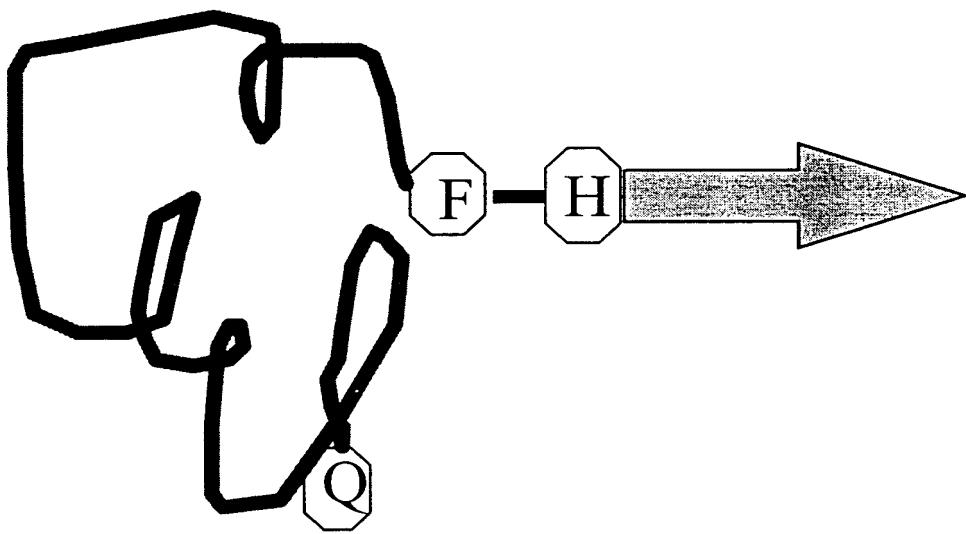


09974670 103204

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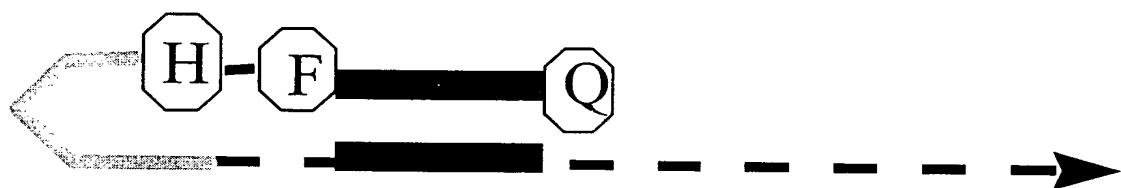
Figure 2



5567560 1 020200

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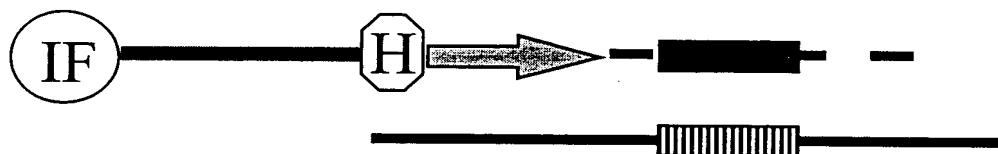
Figure 3



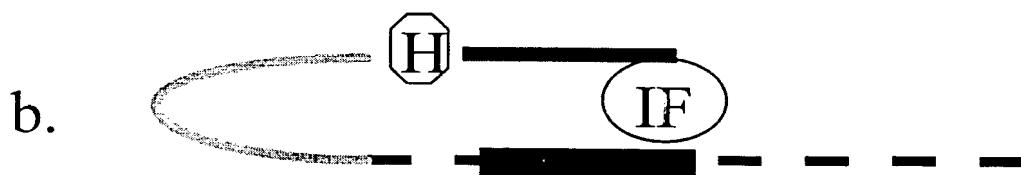
00974870 • 101201

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Figure 4



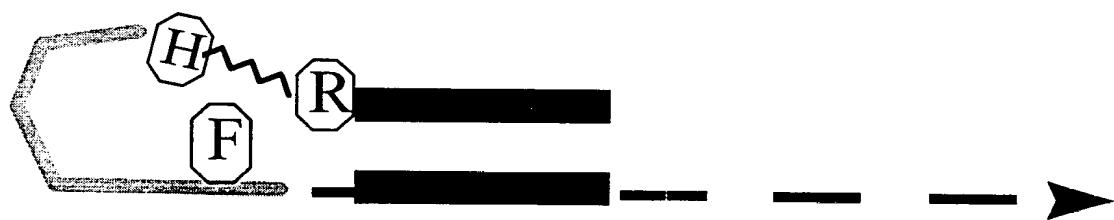
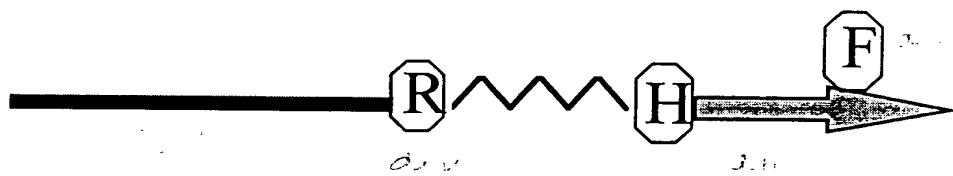
a.



b.

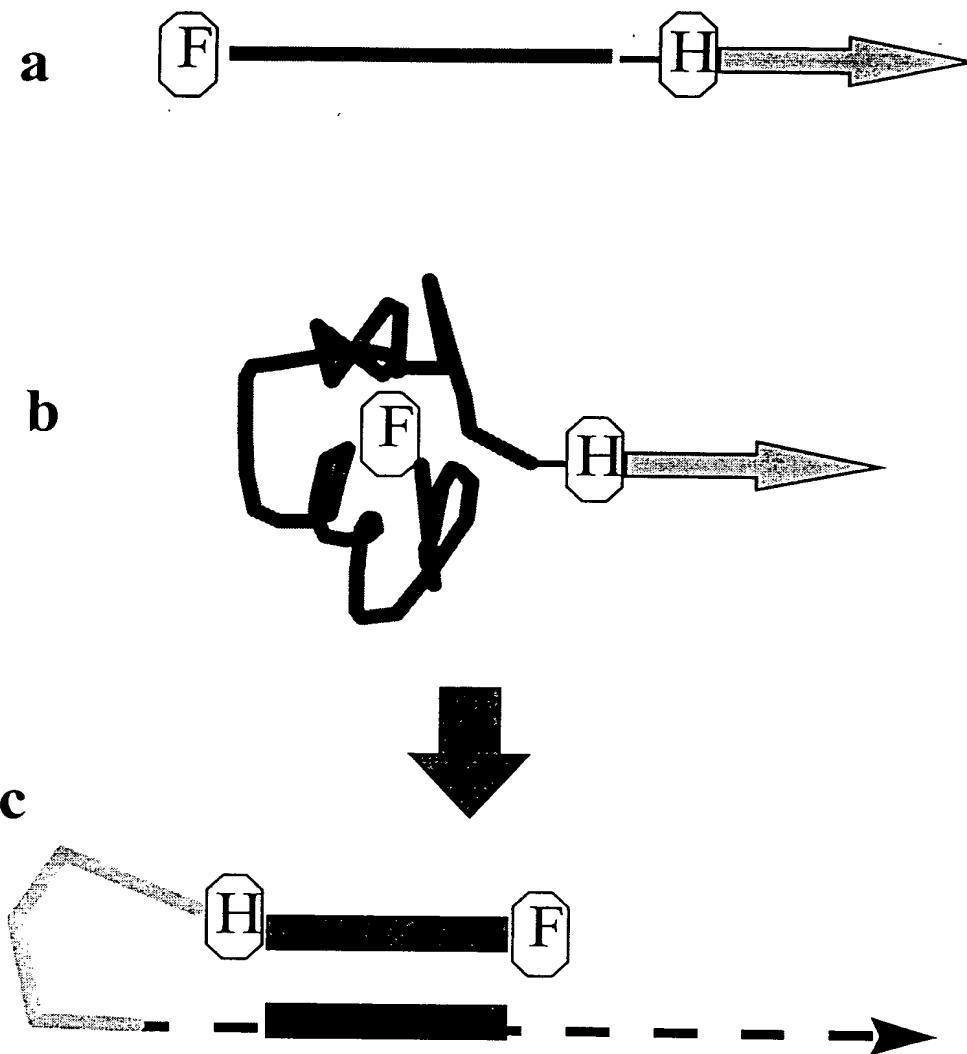
5/42

Figure 5



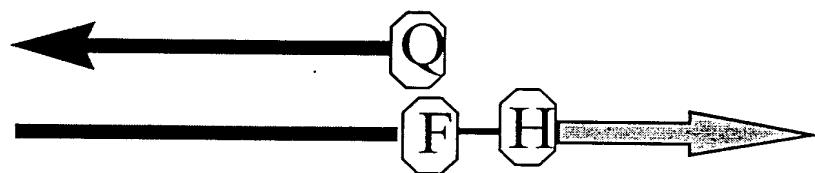
6/42

Figure 6



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Figure 7a

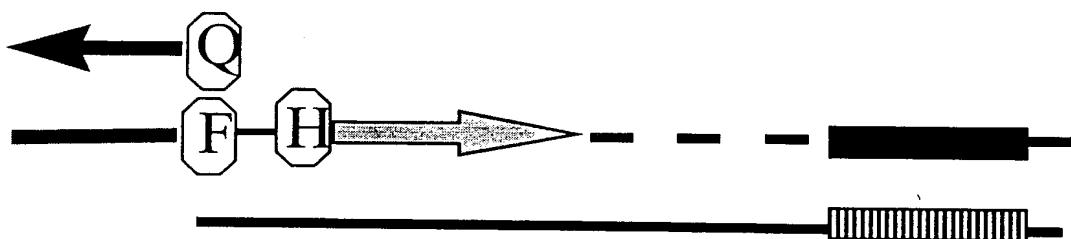


009243370 "402304"

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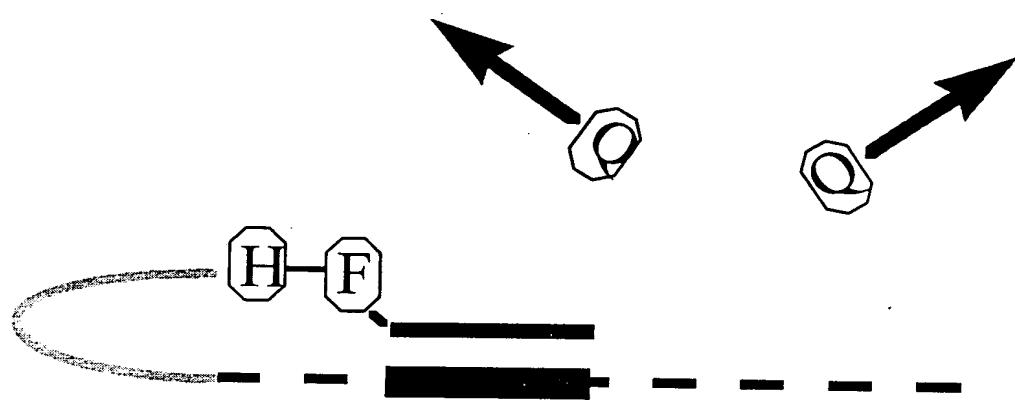
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Figure 7b



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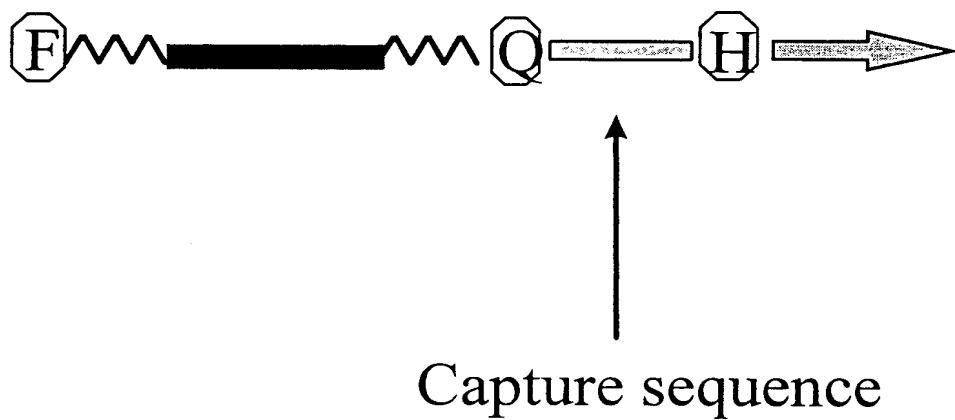
Figure 7c



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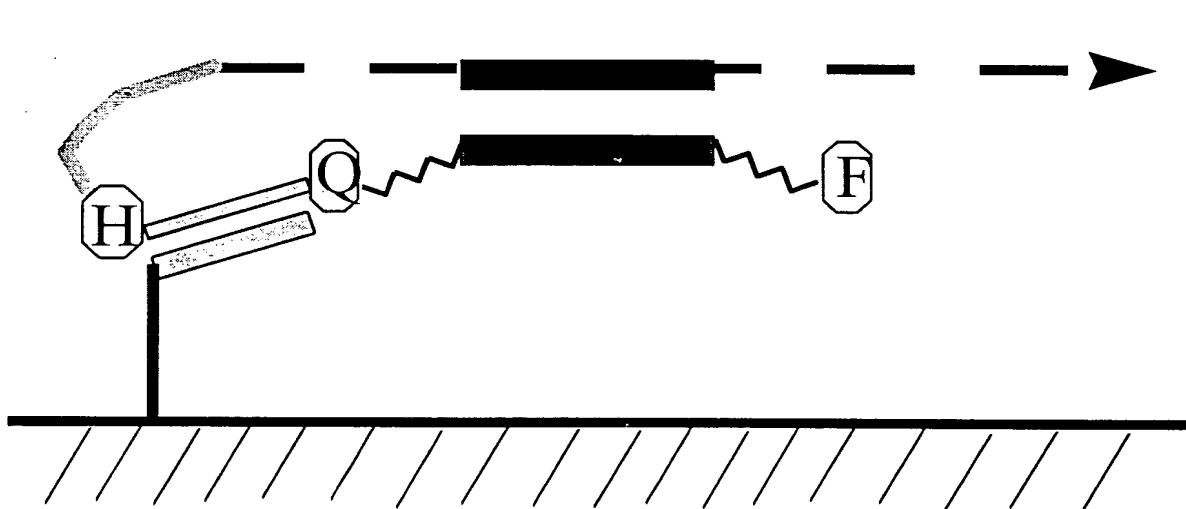
Figure 8a



00574762 0 10 2004

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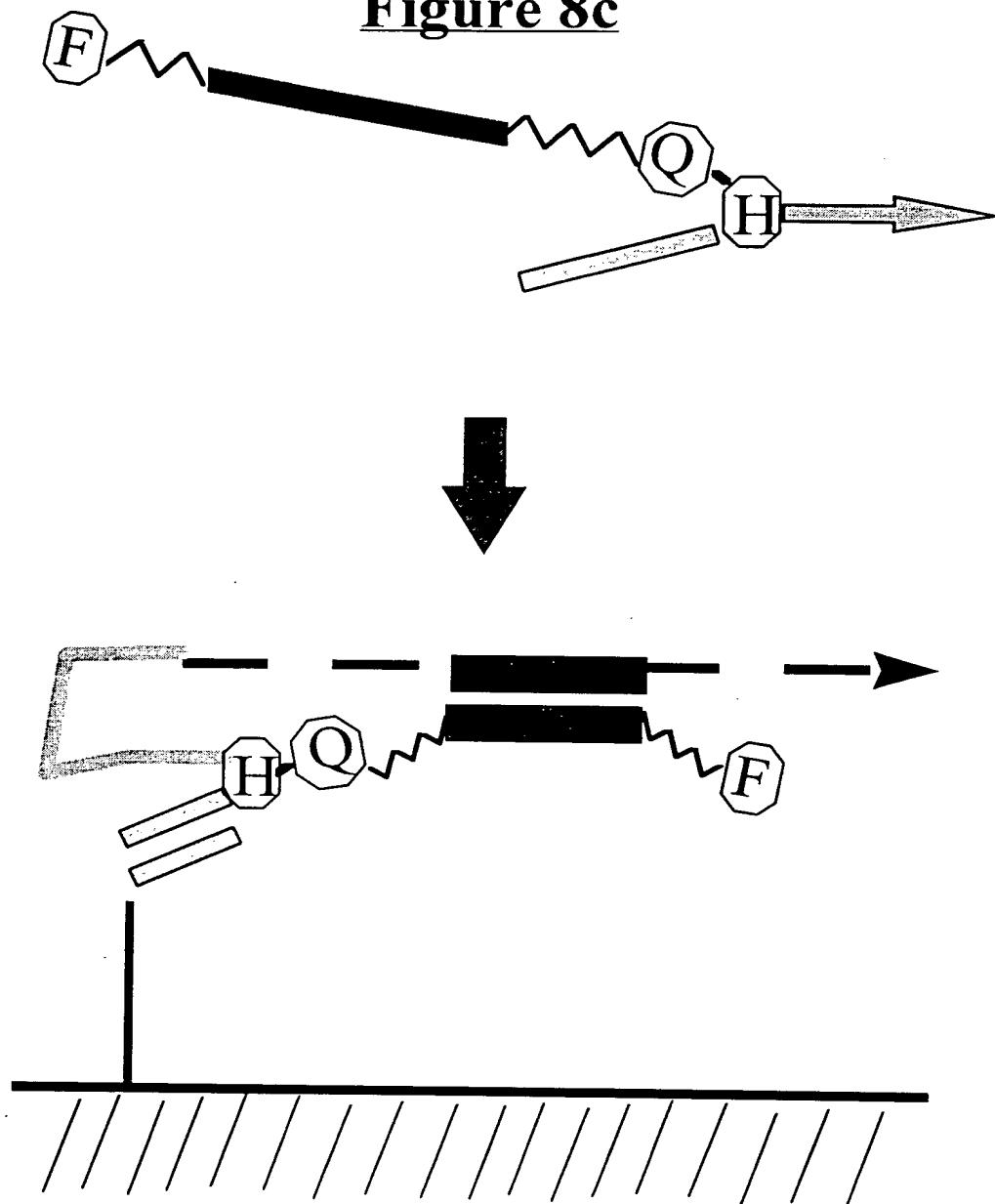
Figure 8b



09942420 " 101204

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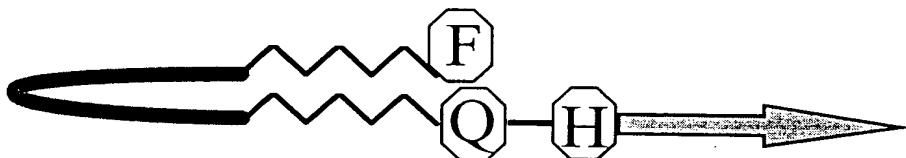
Figure 8c



09924320101201

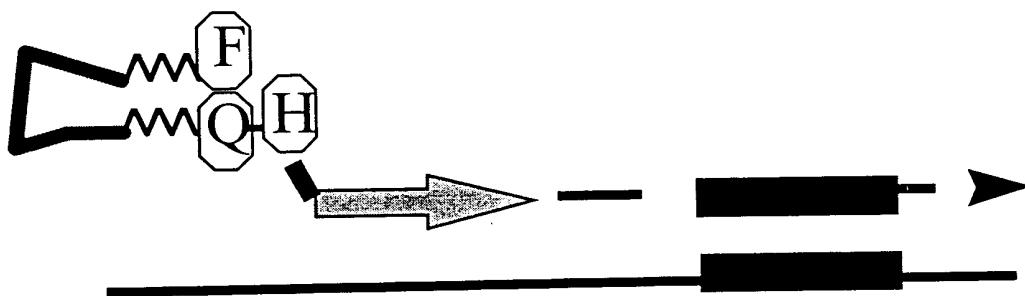
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Figure 9



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Figure 10a

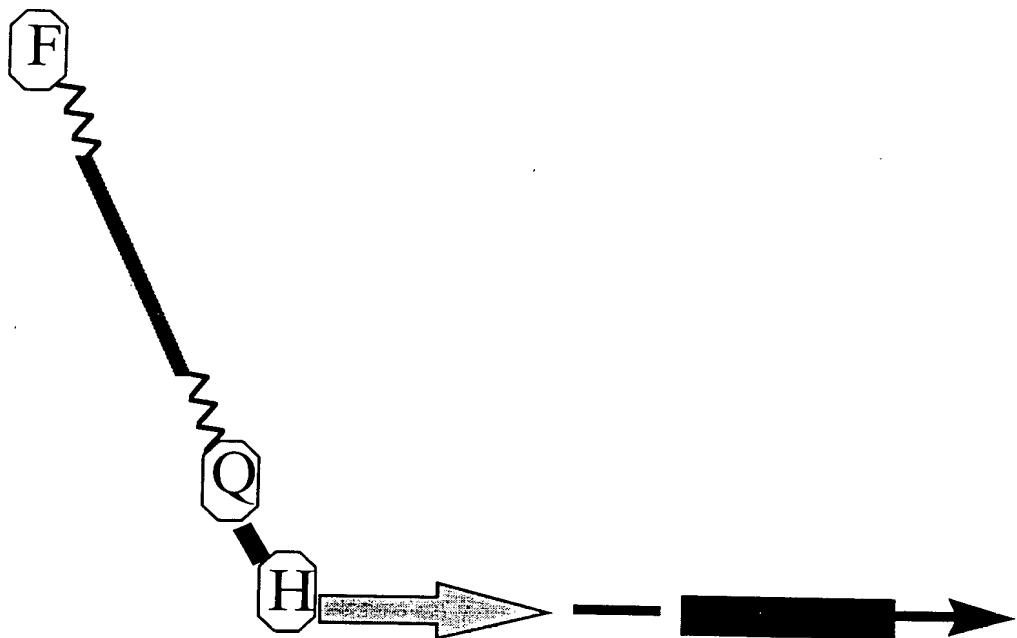


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Figure 10b

099243-02107



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Figure 10c

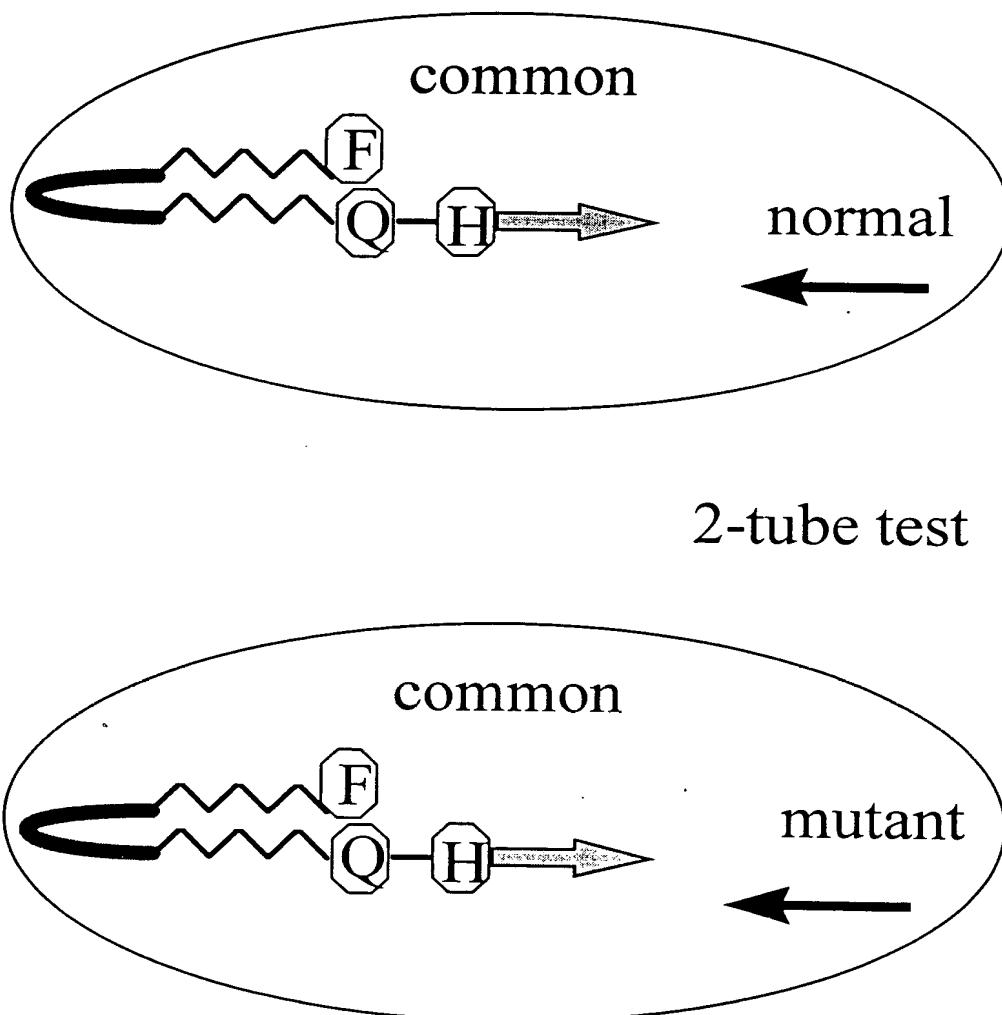


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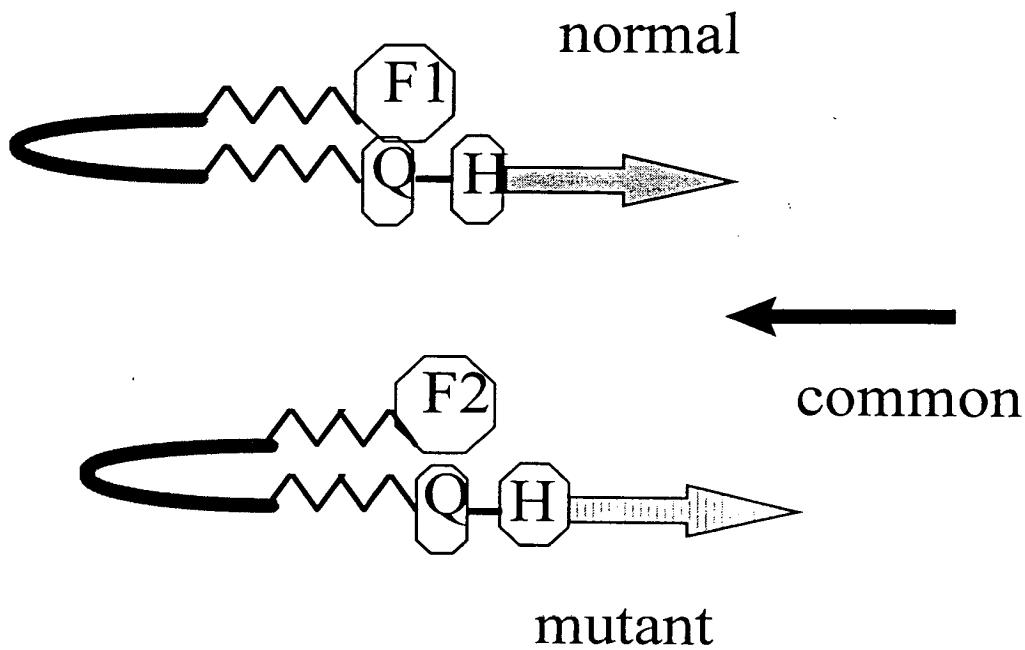
Figure 11a

09924370 401204



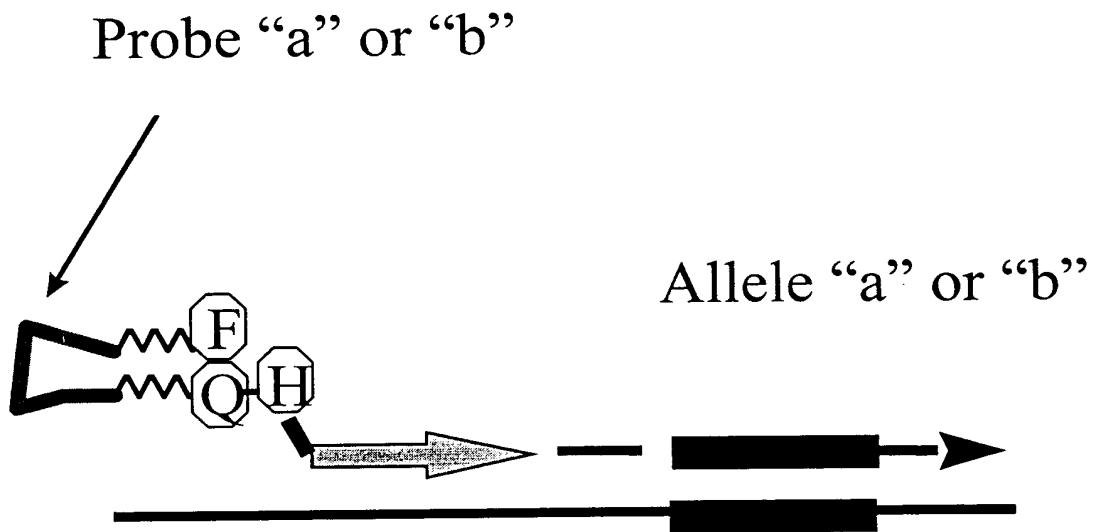
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Figure 11b



Single tube test

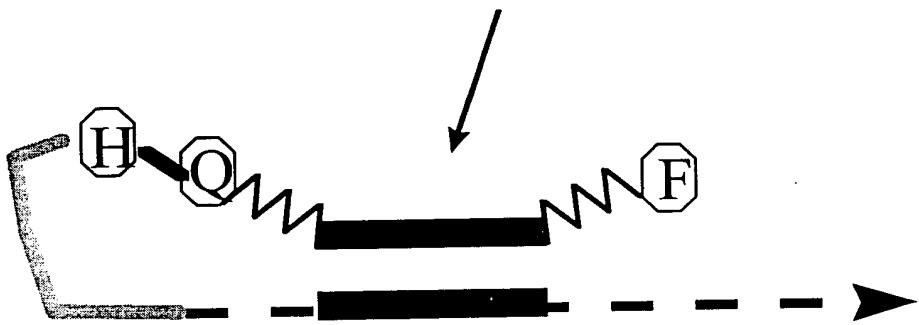
Figure 12a



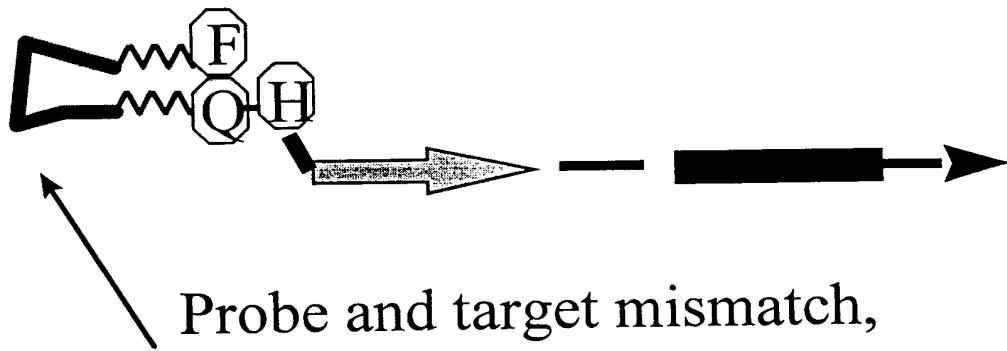
0903142009101201

Figure 12b

Probe matches target,
fluorophore unquenched

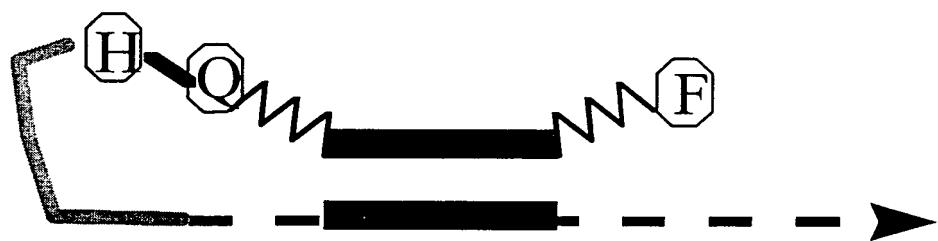


OR

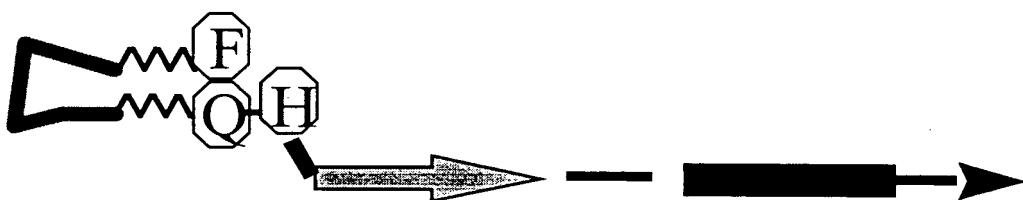


Probe and target mismatch,
internally quenched conformation
forms

Figure 12c

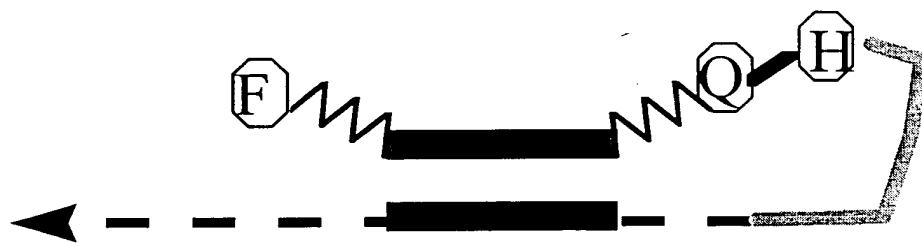


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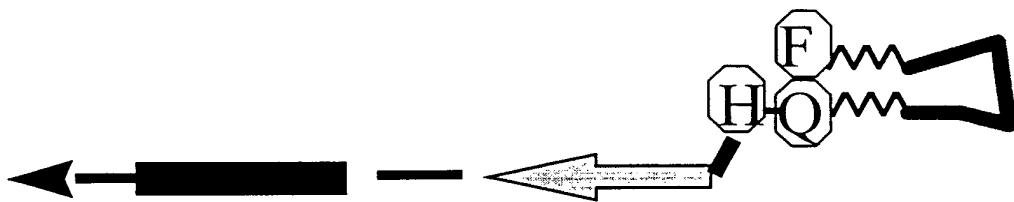


For allele “a” on the forward strand

Figure 12d



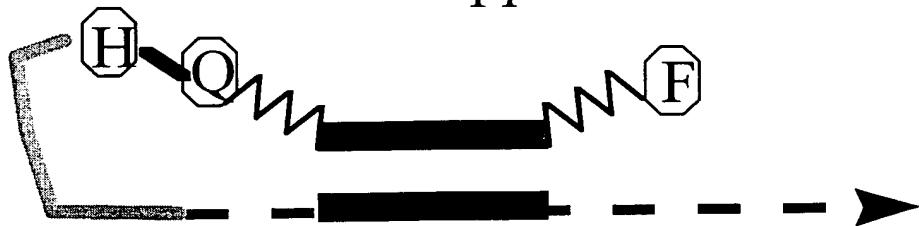
OR



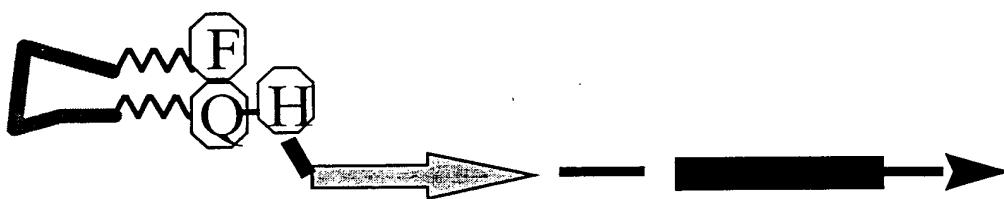
For allele "b" on the reverse strand

Figure 12e

Allelic discrimination
on the upper strand

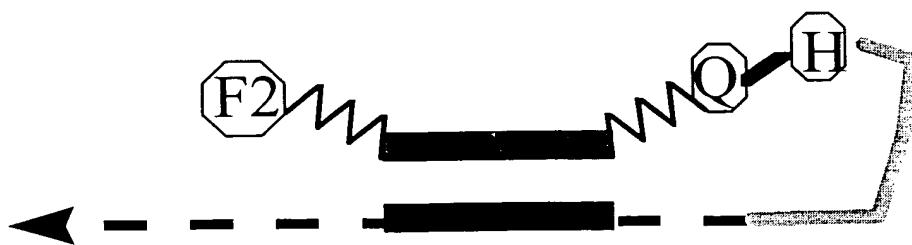


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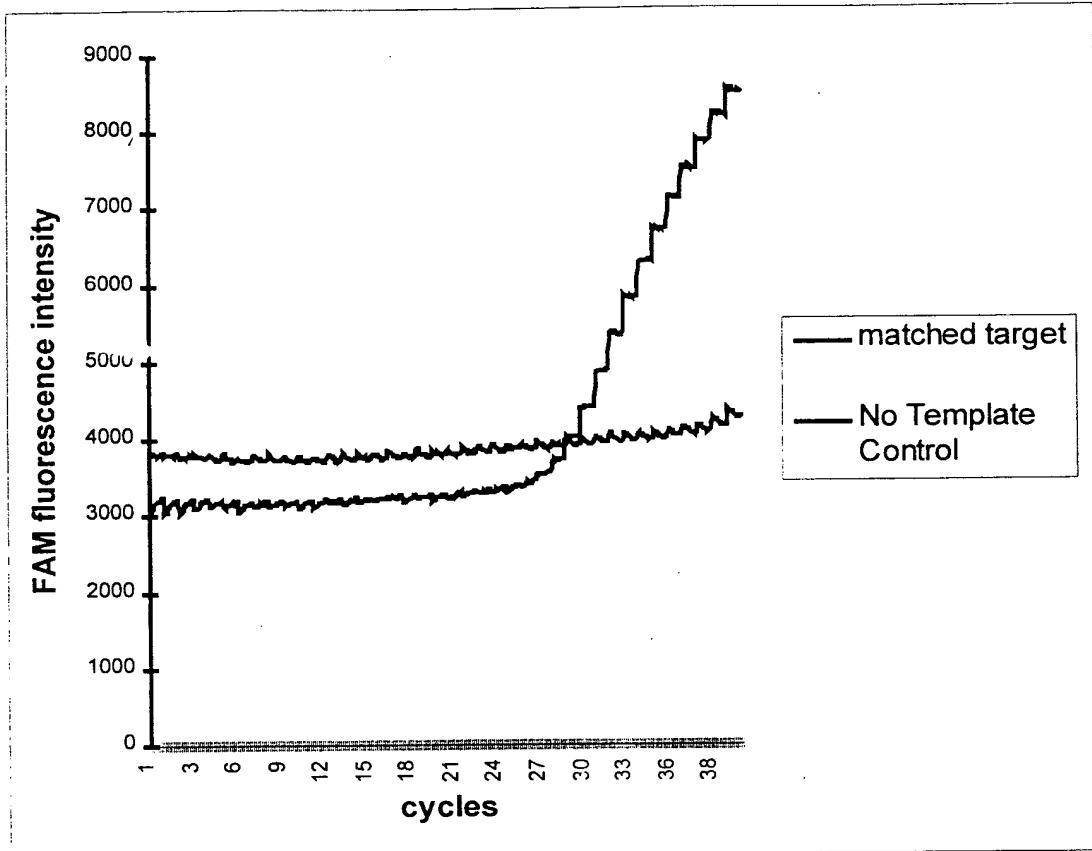


PLUS

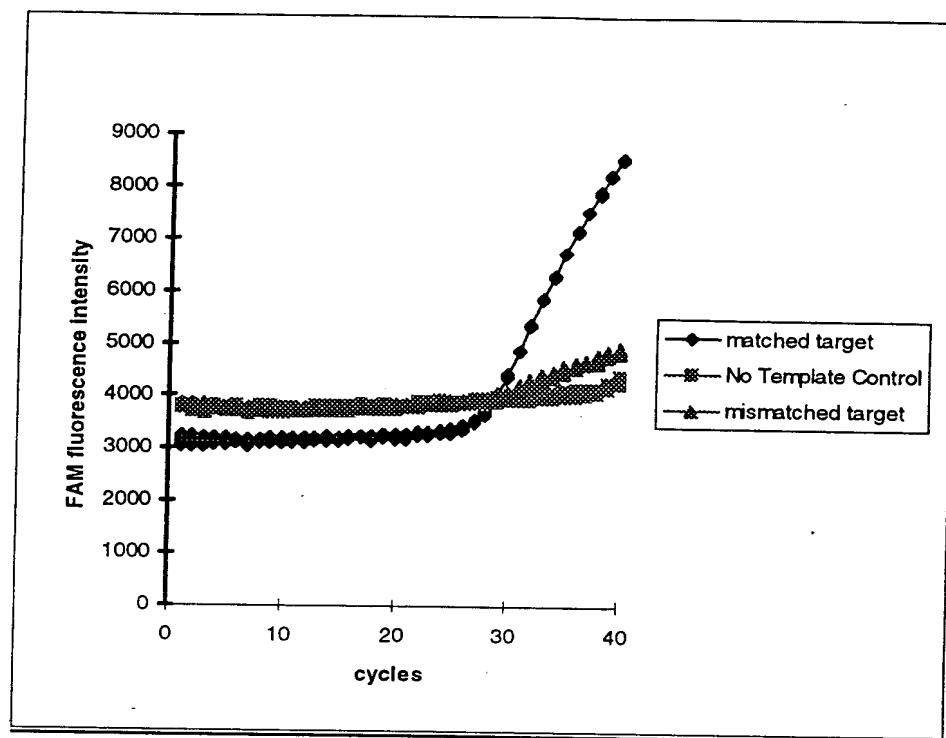
Amplicon control on
the other strand
using a second fluorophore



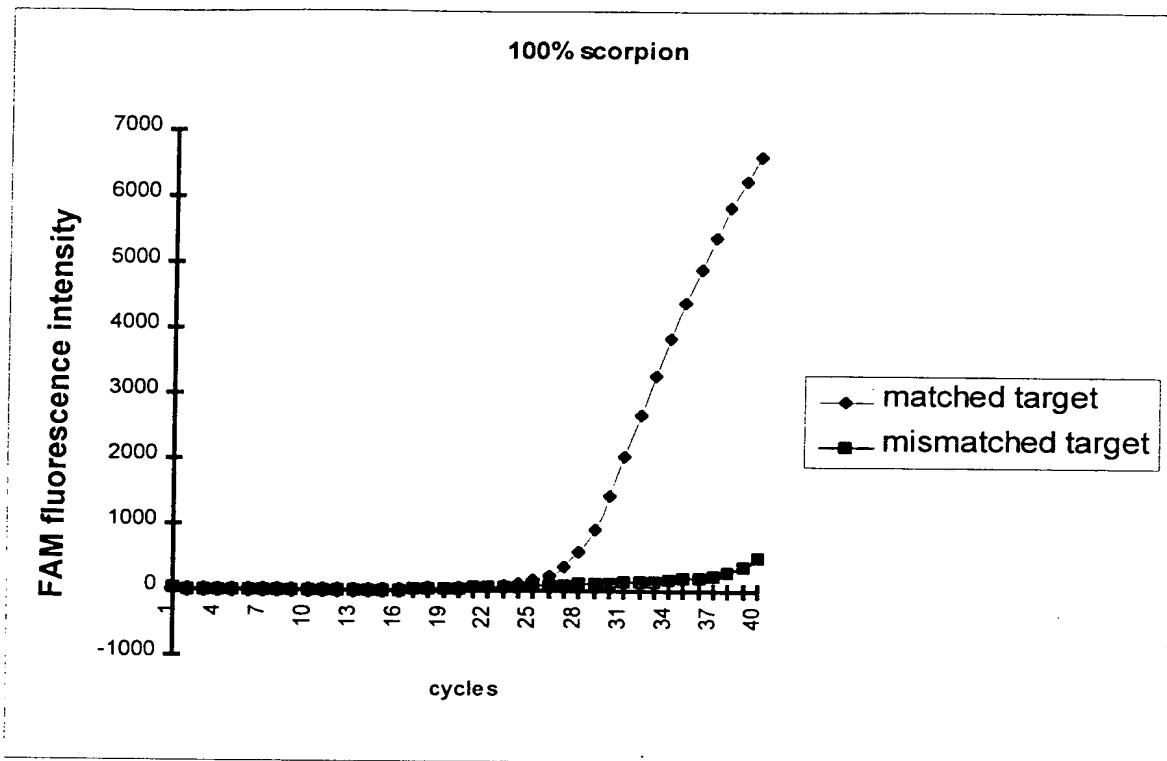
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FIGURE 13

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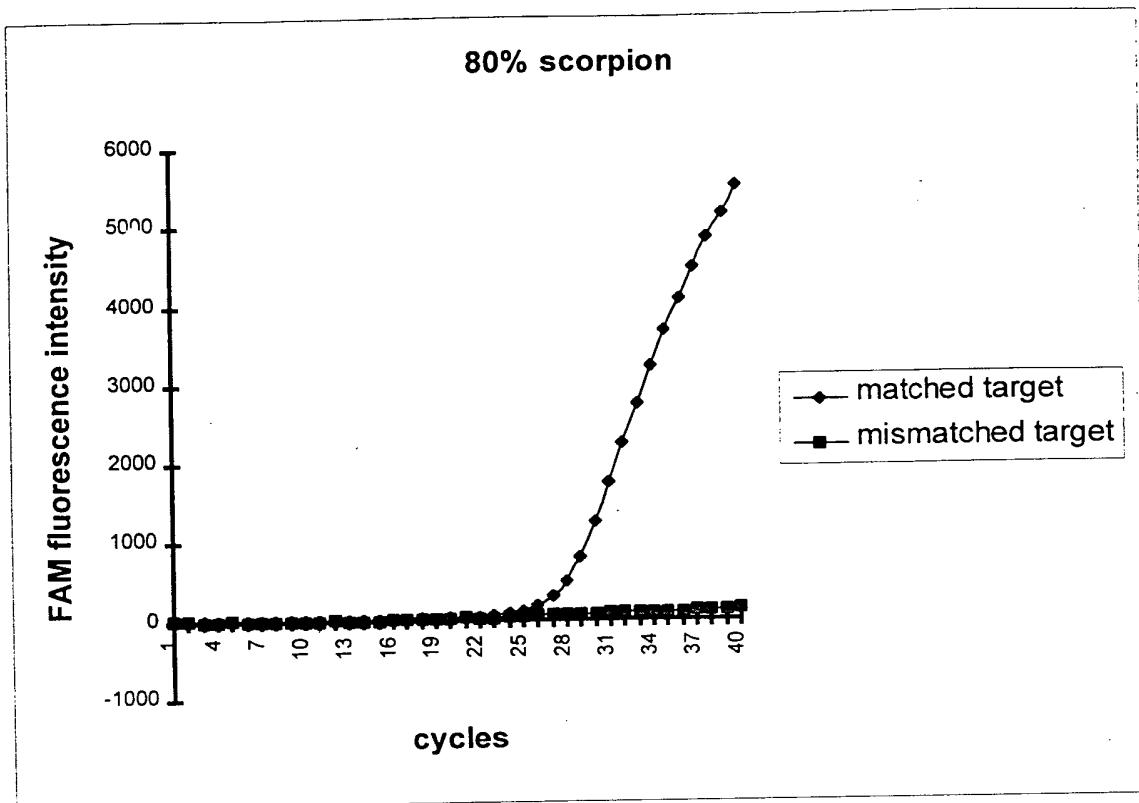
FIGURE 14

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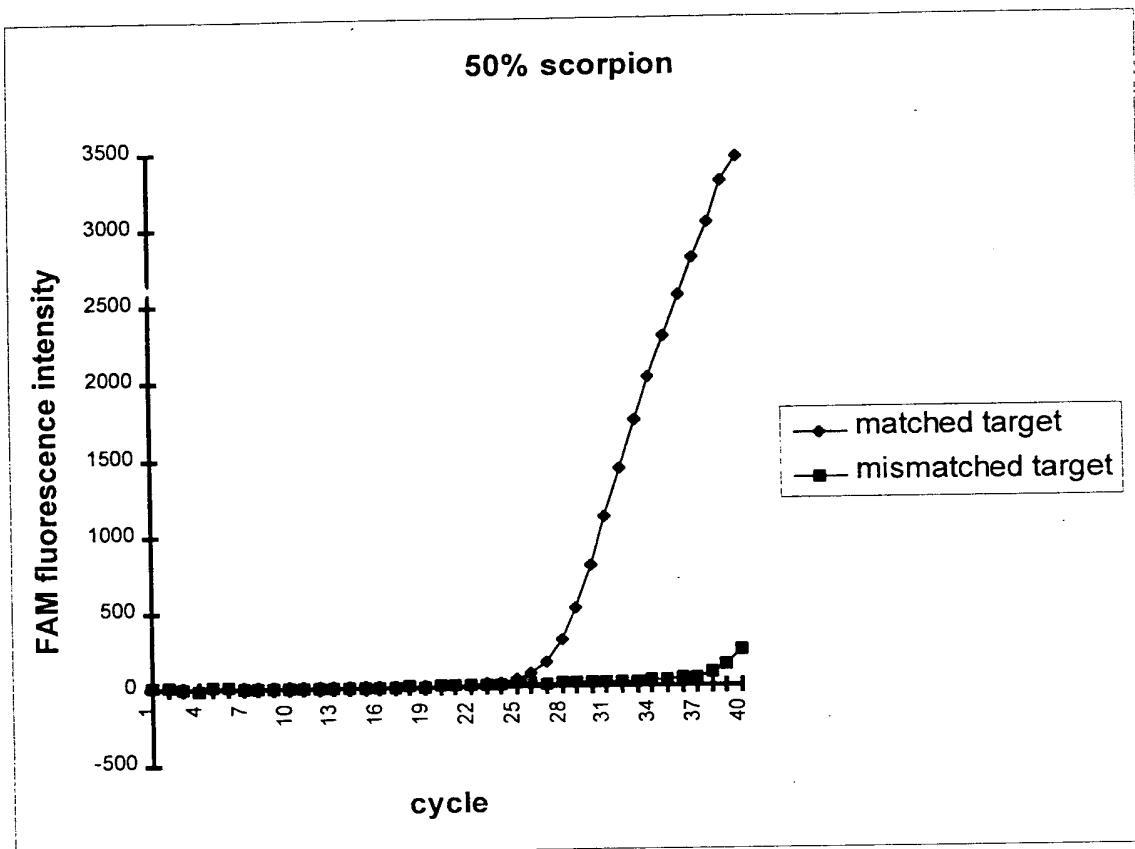
FIGURE 15a

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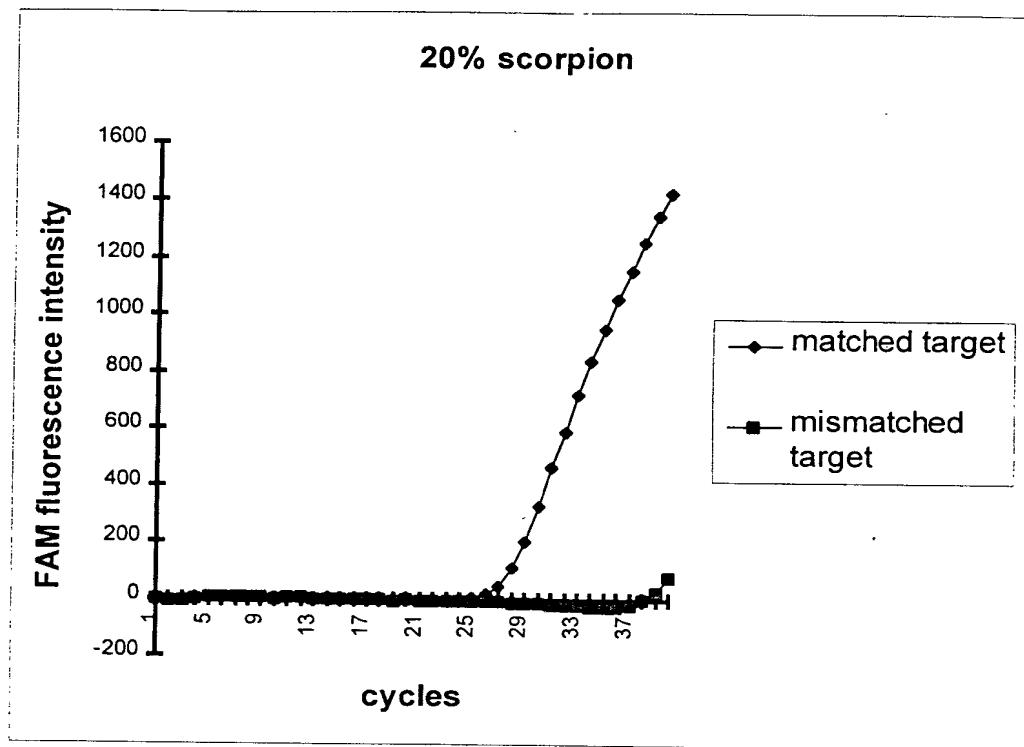
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FIGURE 15b

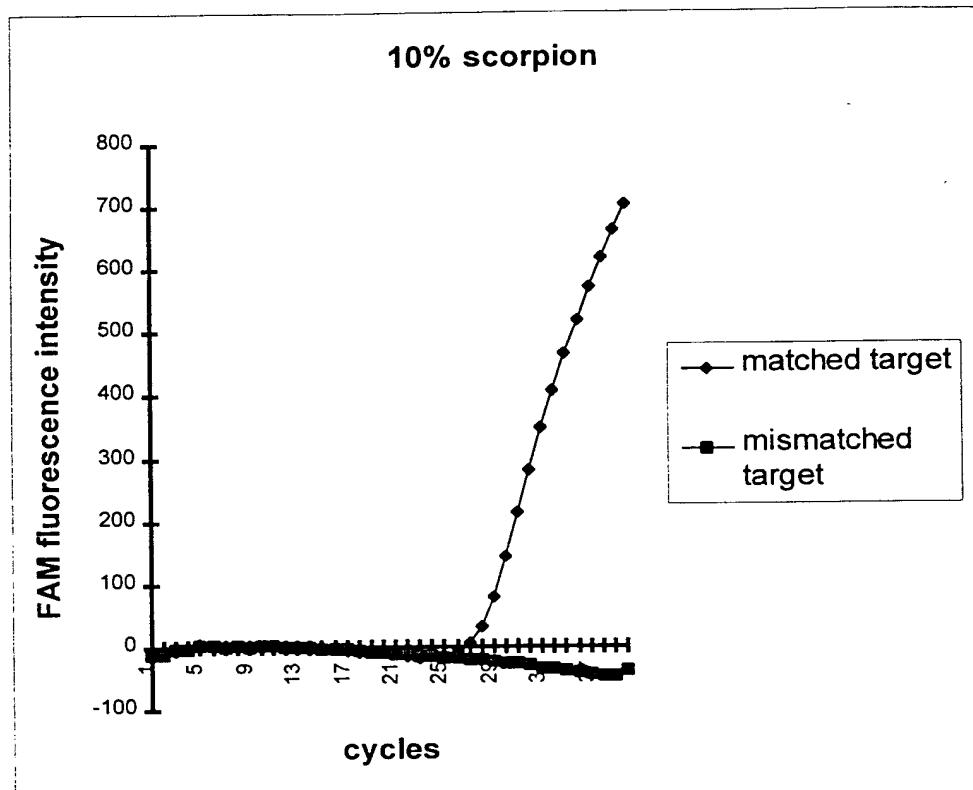
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FIGURE 15c

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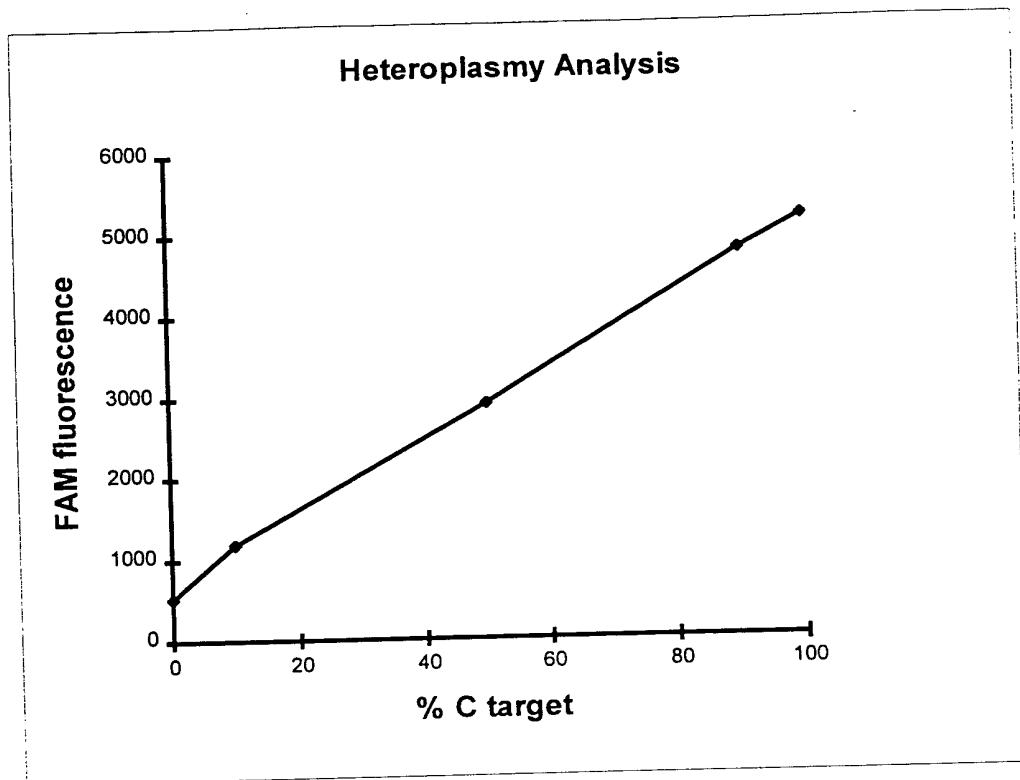
FIGURE 15d

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FIGURE 15e

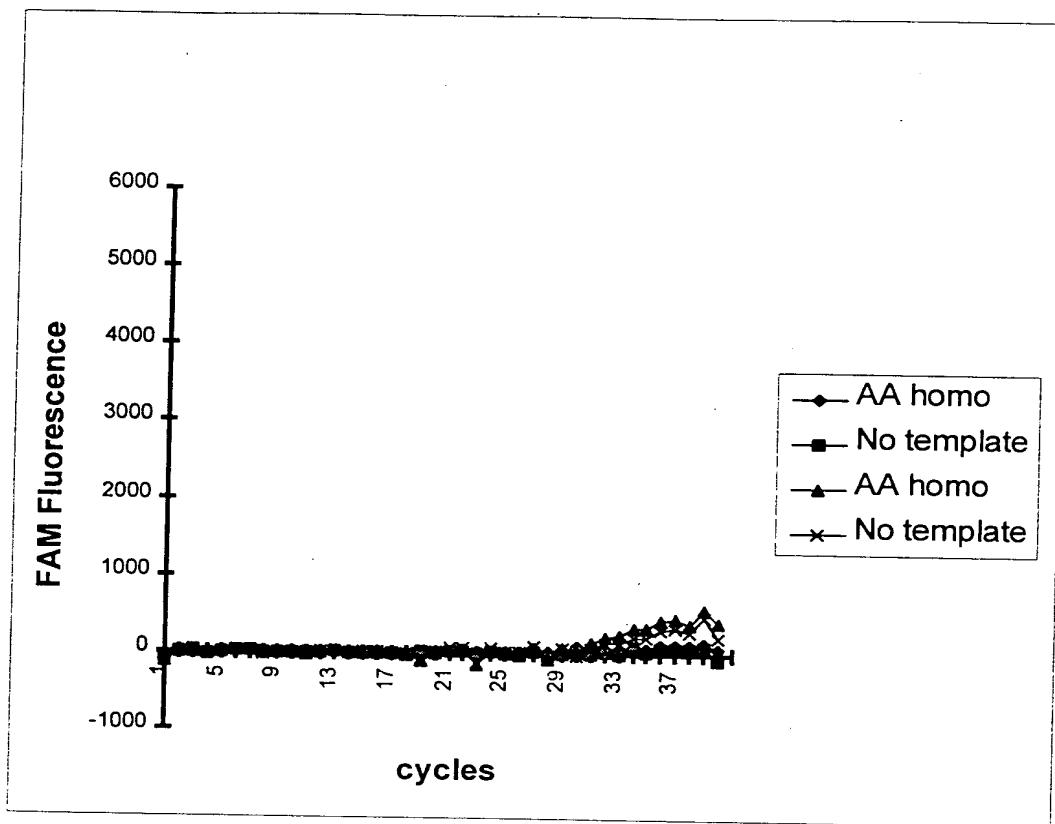
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FIGURE 16

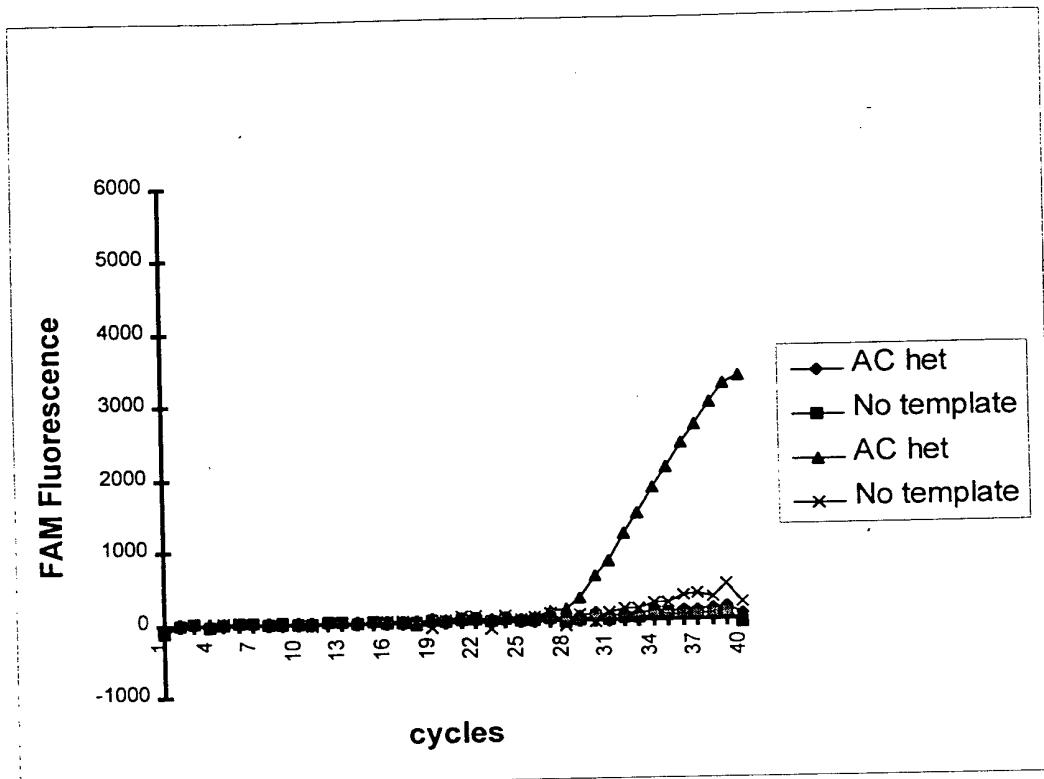


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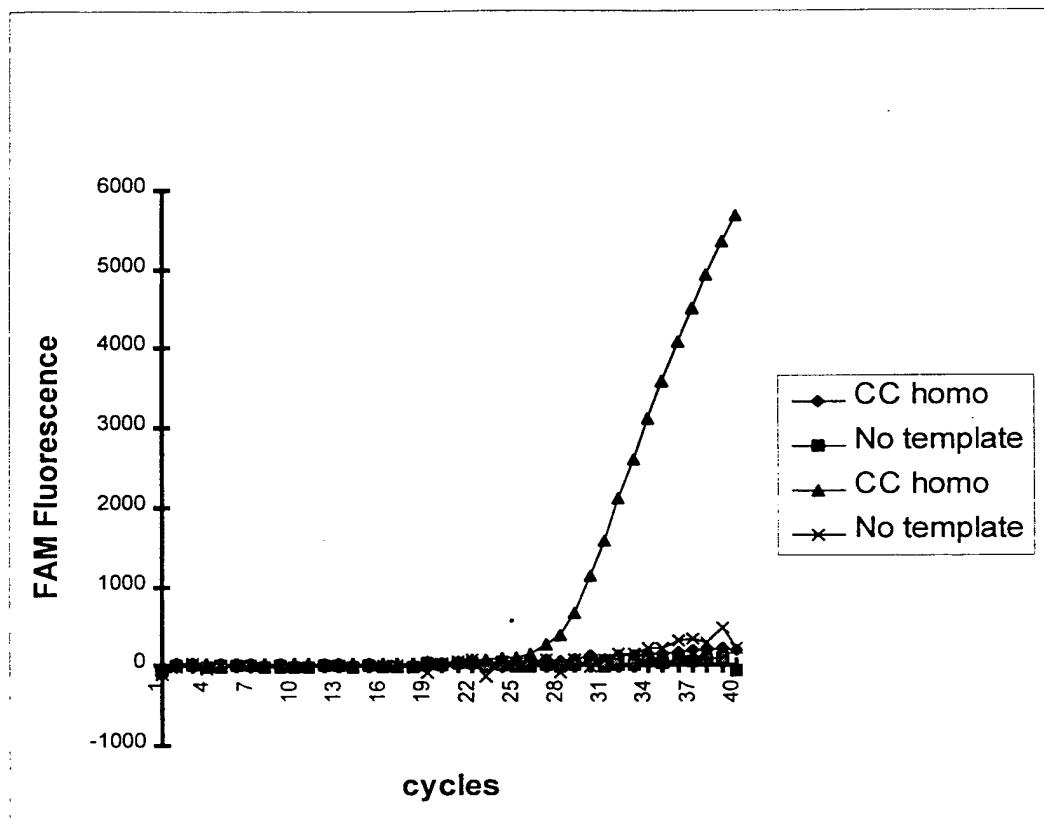
FIGURE 17a

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FIGURE 17b

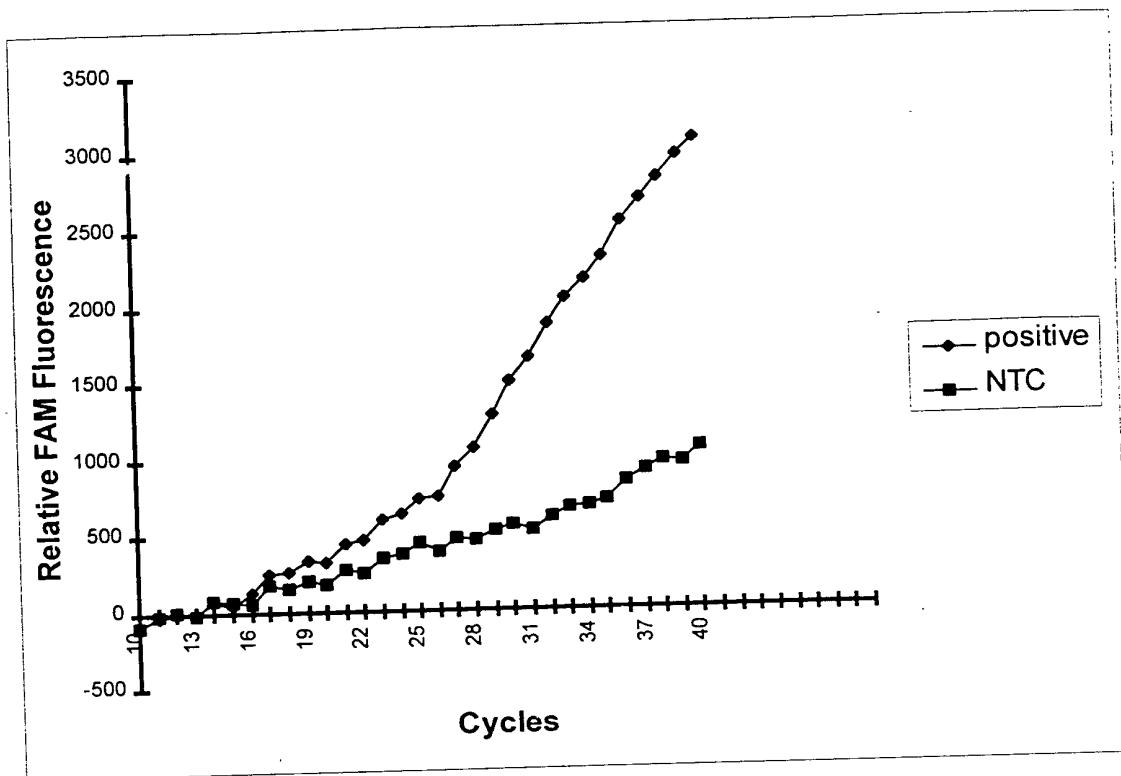
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FIGURE 17c

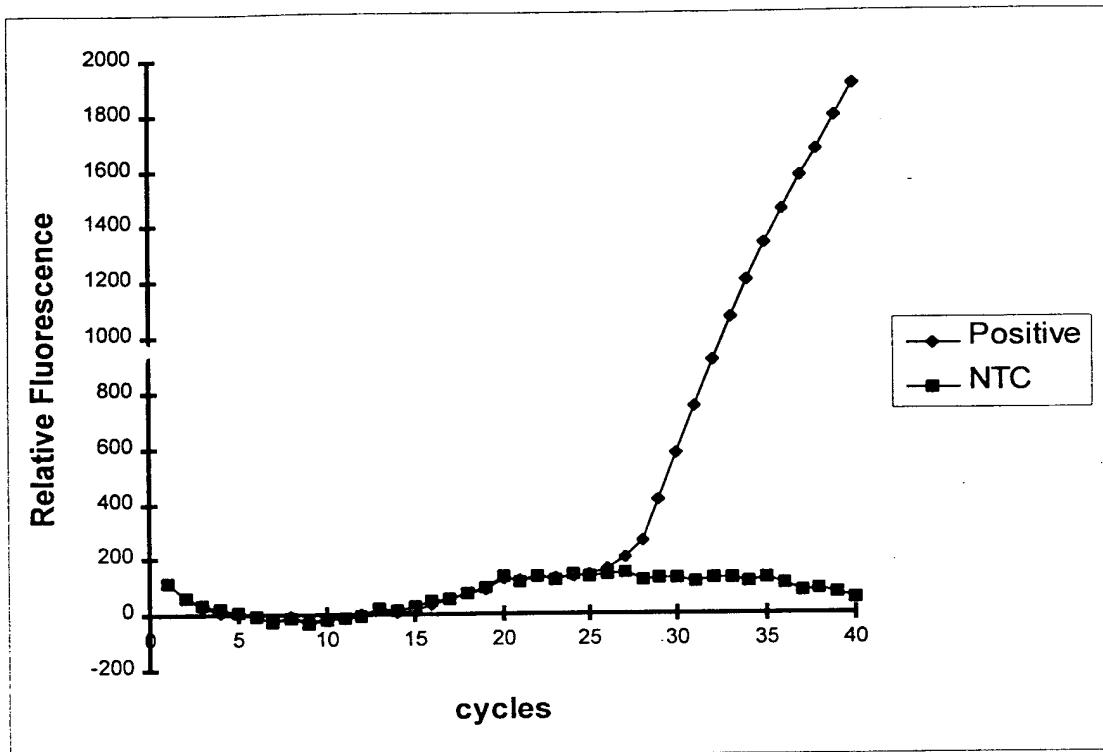


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FIGURE 18



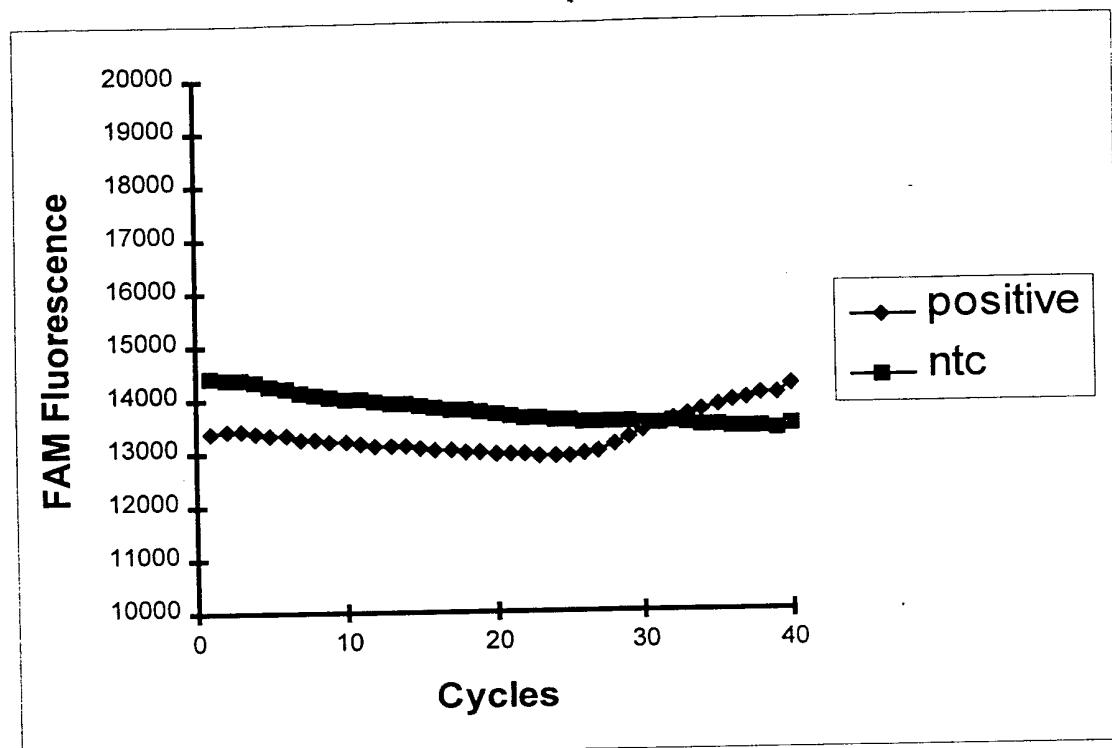
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FIGURE 19

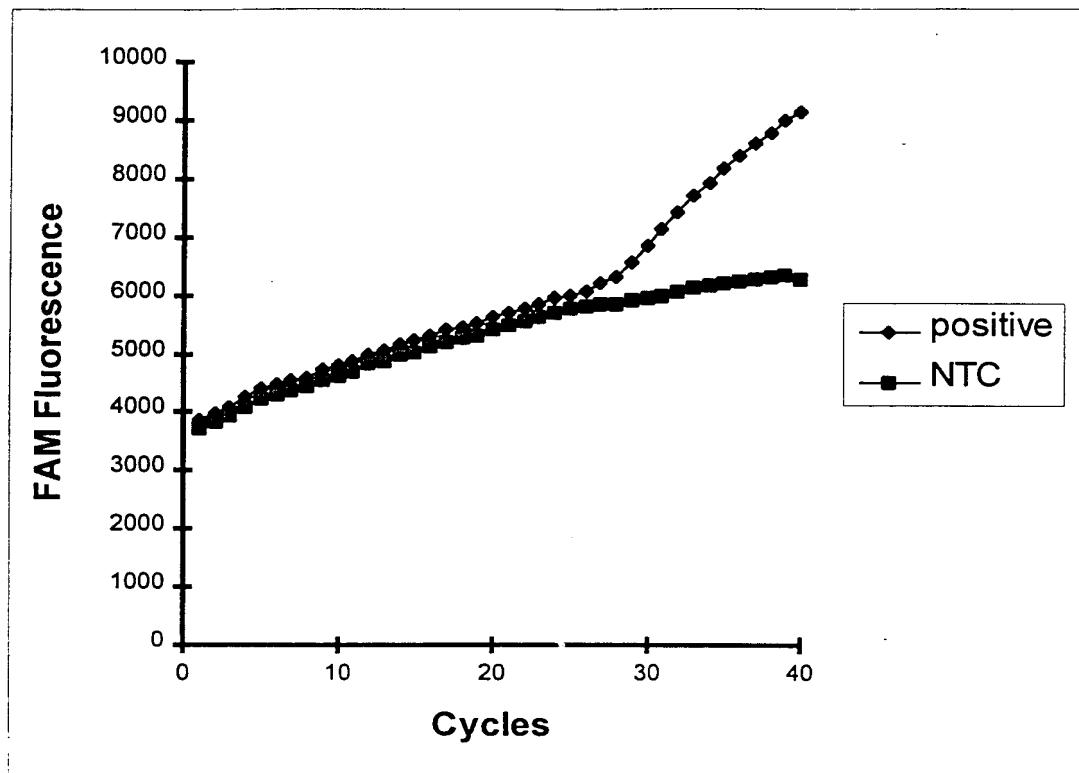
P02T0TnD24h1x660

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FIGURE 20a

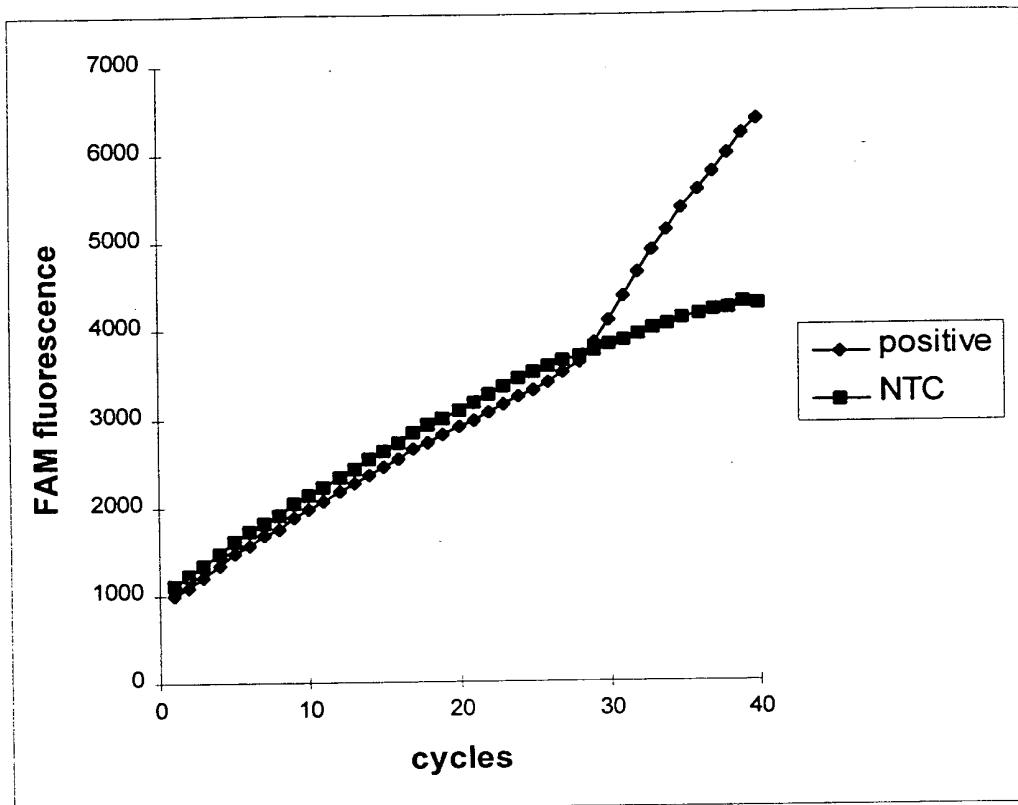


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FIGURE 20b

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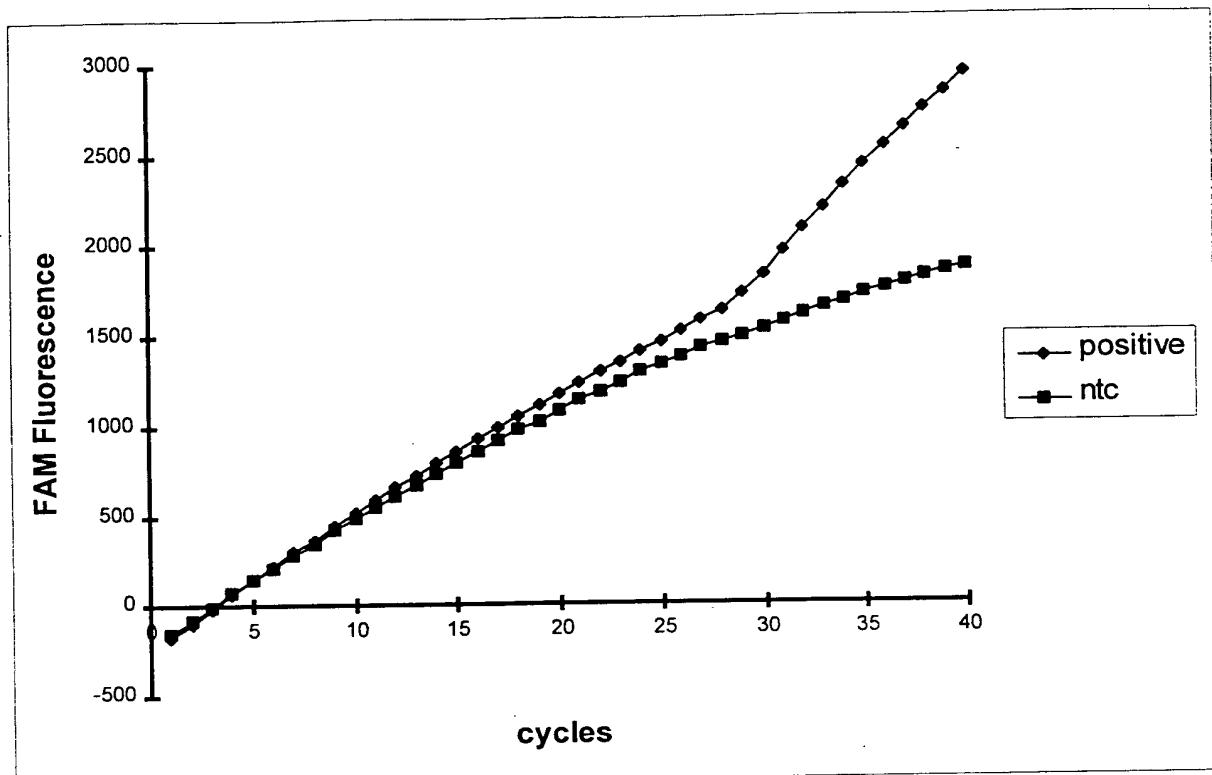
FIGURE 20c



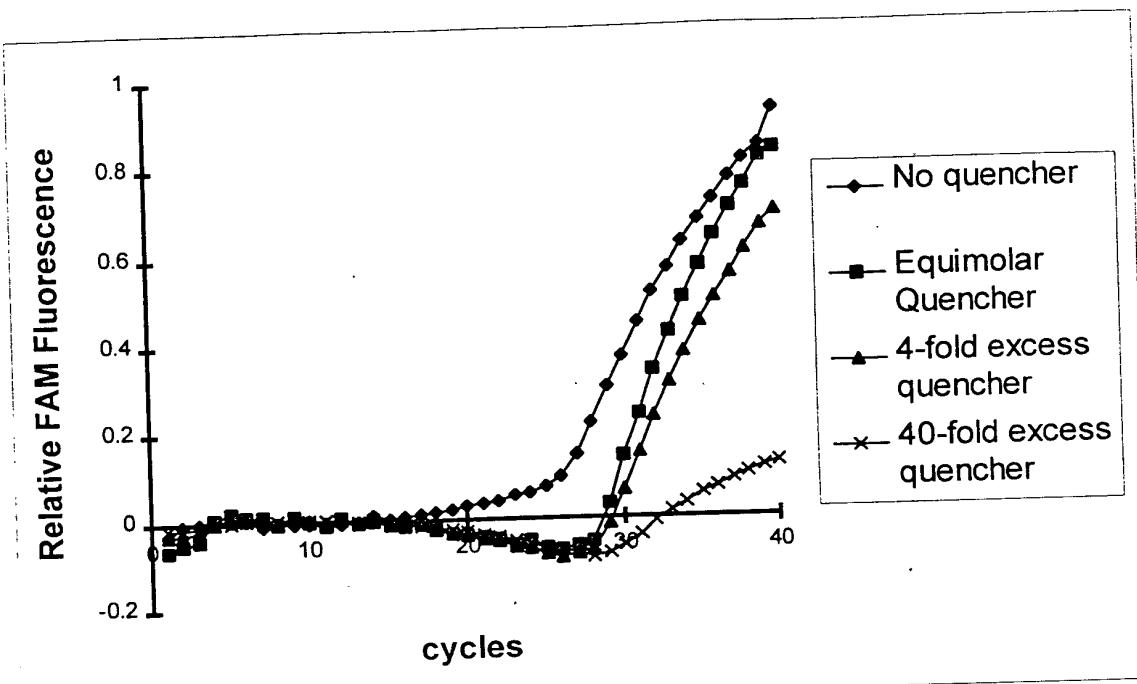
PCT/EP/2002/002346 (E60)

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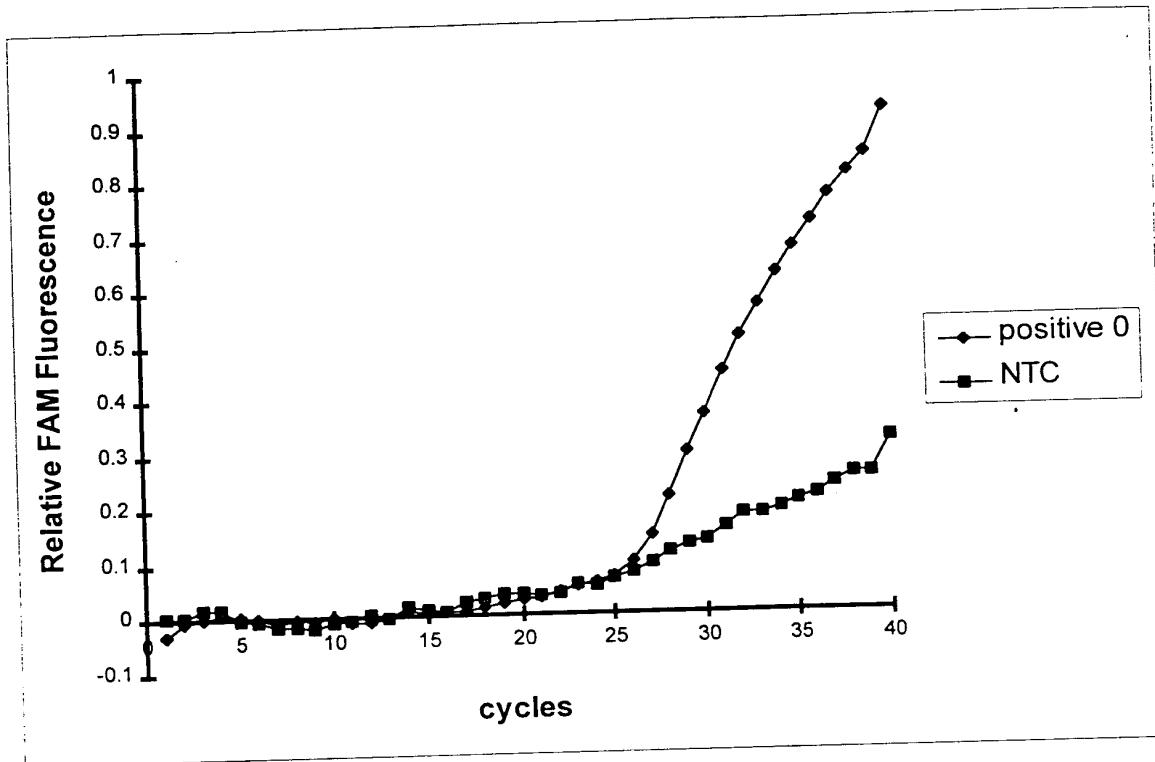
FIGURE 20d



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FIGURE 21a

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FIGURE 21b

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